

## Import/Export of Databases Using pg\_dump Utility

To dump (export) a psql db:

```
pg_dump dbname > dbname.out
```

To recreate (import) the db:

```
createdb dbname
```

```
psql -f dbname.out -U postgres dbname
```

The dump file (called dbname.out above) contains SQL statements for recreating the tables, triggers and functions and also contains the ascii dump of all records in the tables. This will be a VERY large file for a fully stocked IHFS db. The dump file generated by the hd\_ob5rhax db at OHD was approx 125 Mbytes. pg\_dump can also be used to dump individual tables.

The entire export and import process using pg\_dump took less than 10 minutes at OHD for the hd\_ob5rhax db.

To dump the schema of a database, use

```
pg_dump -s dbname > dbname.out
```

see Douglas pp 701- 705

Note that if the "-U postgres" does not work, add the following line to the pg\_hba.conf file:

```
local all all trust
```

and either bounce postgres or execute "pg\_ctl reload". See Section 19.2 of the PostgreSQL Documentation for details on "trust authentication".